

## Solving Linear Inequalities (A)

Solve each inequality for the given variable.

1.  $4 \leq 4 + z$

2.  $g - 4 \leq -8$

3.  $5 \leq -b - 4$

4.  $7 \geq -q + 9$

5.  $6 - n \leq -5$

6.  $1 > -a + 3$

7.  $-n + 3 > 6$

8.  $-8 - a \geq -5$

9.  $5 - r < -8$

10.  $6 \leq -w + 2$

## Solving Linear Inequalities (A) Answers

Solve each inequality for the given variable.

1.  $4 \leq 4 + z$

$$z \geq 0$$

2.  $g - 4 \leq -8$

$$g \leq -4$$

3.  $5 \leq -b - 4$

$$b \leq -9$$

4.  $7 \geq -q + 9$

$$q \geq 2$$

5.  $6 - n \leq -5$

$$n \geq 11$$

6.  $1 > -a + 3$

$$a > 2$$

7.  $-n + 3 > 6$

$$n < -3$$

8.  $-8 - a \geq -5$

$$a \leq -3$$

9.  $5 - r < -8$

$$r > 13$$

10.  $6 \leq -w + 2$

$$w \leq -4$$